

**DECLARATION FOR UTILITY PATENT APPLICATION**

AS BELOW-NAMED INVENTORS, WE HEREBY DECLARE THAT:

Our residences, post office addresses, and citizenship are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled: VARIABLE FIXED MULTIPLIERS USING MEMORY BLOCKS, the specification of which is attached hereto unless the following box is checked:

- was filed on Concurrently Herewith as United States Application Serial No. or PCT International Application No. Not Yet Assigned and was amended on (if applicable).

WE HEREBY STATE THAT WE HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE.

We acknowledge the duty to disclose information which is material to the patentability as defined in 37 C.F.R. § 1.56.

We hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application No.	Country	Date of Filing	Priority Claimed?
			<input type="checkbox"/> Yes <input type="checkbox"/> No

We hereby claim benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Serial No.	Filing Date

We hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, we acknowledge the duty to disclose information which is material to

patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Application Serial No.	Filing Date	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

7/23/03

Date

Name: Asher HAZANCHUK  
Residence: 1645 Heron Avenue, Sunnyvale, California 94087  
Citizenship: United States of America  
Post Office Address: 1645 Heron Avenue, Sunnyvale, California 94087

Date

Name: Benjamin ESPOSITO  
Residence: 4561 Old Carriage Trail, Oviedo, Florida 32765  
Citizenship: United States of America  
Post Office Address: 4561 Old Carriage Trail, Oviedo, Florida 32765

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Date \_\_\_\_\_

Name: Asher HAZANCHUK  
Residence: 1645 Heron Avenue, Sunnyvale, California 94087  
Citizenship: United States of America  
Post Office Address: 1645 Heron Avenue, Sunnyvale, California 94087

9/04/03  
Date \_\_\_\_\_

  
Name: Benjamin ESPOSITO  
Residence: 4561 Old Carriage Trail, Oviedo, Florida 32765  
Citizenship: United States of America  
Post Office Address: 4561 Old Carriage Trail, Oviedo, Florida 32765

Docket No.: 306812005400  
Client Reference No. A931  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Asher HAZANCHUK and Benjamin ESPOSITO

Application No.: Not Yet Assigned                          Group Art Unit: Not Yet Assigned

Filed: Concurrently Herewith                          Examiner: Not Yet Assigned

For: **VARIABLE FIXED MULTIPLIERS USING  
MEMORY BLOCKS**

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**POWER OF ATTORNEY**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Altera Corporation, assignee of the entire right title and interest in the above-identified application, submitted herewith, hereby appoints the members of the firm of Morrison & Foerster LLP, a firm composed of:

Lisa A. Amii	48,199	Alicia J. Hager	44,140	Martin Noonan	44,264
Randolph Ted Apple	36,429	Johney U. Han	45,565	Catherine M. Polizzi	40,130
Mehran Arjomand	48,231	Julie L. Heinrich	48,070	Philip D. Reilly	41,415
Shantanu Basu	43,318	Laurie L. Hill	51,804	James Remenick	36,902
Vincent J. Belusko	30,820	Douglas G. Hodder	41,840	Robert A. Saltzberg	36,910
Jonathan Bockman	45,640	Alan S. Hodes	38,185	Robert E. Scheid	42,126
Kimberly A. Bolin	44,546	Charles D. Holland	35,196	Debra A. Shetka	33,309
Barry E. Bretschneider	28,055	Arthur S. Hsieh	48,247	Rebecca Shortle	47,083
Nicholas S. Buffinger	39,124	Jill A. Jacobson	40,030	J. David Smith	39,839
Robert K. Cerpa	39,933	Wayne C. Jaeschke, Jr.	38,503	Kevin R. Spivak	43,148
Alex Chartove	31,942	Parisa Jorjani	46,813	Gerald F. Swiss	30,113
Peng Chen	43,543	Ararat Kapouytian	40,044	Lorna L. Tanner	50,782
Thomas E. Ciotti	21,013	Richard C. Kim	40,046	Shannon Thomas	52,285
Cara M. Coburn	46,631	Cameron A. King	41,897	Thomas L. Trefft	48,279
Raj S. Dave'	42,465	Norman R. Klivans	33,003	Brenda J. Wallach	45,193
Peter J. Davis	36,119	Glenn M. Kubota	44,197	Michael R. Ward	38,651
David L. Devernoe	50,128	Kawai Lau	44,461	E. Thomas Wheelock	28,825
Stephen C. Durant	31,506	Otis Littlefield	48,751	Todd W. Wight	45,218
Christopher B. Eide	48,375	Hugh H. Matsubayashi	43,779	Eric H. Witt	44,408
Carolyn A. Favorito	39,183	Michael J. Mauriel	44,226	Timothy A. Worrall	P54,552
David L. Fehrman	28,600	Mika Mayer	47,777	Bryan H. Wyman	48,049
Hector G. Gallegos	40,614	Robert S. McArthur	45,674	David Yang	44,415
Deborah S. Gladstein	43,636	Gladys H. Monroy	32,430	Peter J. Yim	44,417
Debra J. Glaister	33,888	Scott C. Moore	52,047	Karen Zachow'	46,332
Bruce D. Grant	47,608	Philip A. Morin	45,926	Jie Zhou	52,395
Carol M. Gruppi	37,341	Kate H. Murashige	29,959		

all of Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018, telephone (650) 813-5600, and also hereby appoints:

Derek E. Minihane (Reg. No. 39,774) Henry Ohab (Reg. No. 45,854)

Archana Ojha (Reg. No. 53,408)

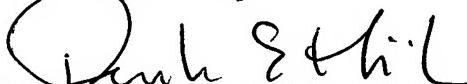
all Altera Corporation, 101 Innovation Drive, San Jose, California 95134, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster LLP as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

The assignee certifies that it has reviewed the assignment and to the best of the assignee's knowledge and belief, title is in the assignee.

Please direct all correspondence regarding this application to the following:

MORRISON & FOERSTER LLP  
Attn: Douglas G. Hodder  
755 Page Mill Road  
Palo Alto, California 94304  
Telephone: (650) 813-5600  
Fax: (650) 494-0792

For: Altera Corporation



Derek Minihane

Director, Intellectual Property Law  
101 Innovation Drive  
San Jose, California 95134

Dated: 9/18/03